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Changed a file from non-ASCII to ASCII * V F F Changed the margins in cases where the sequence text was "wrapped" down to the next line. Edited a format error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end o page numbers throughout text; other invalid text, such as Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (endue to a Patentin bug). Sequences corrected:
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Other: aenland (150) . 71/1517
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*Examiner: The abov corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

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148			130					135					140				
149		Lys	Ile	Gly	Val	Ala	Ala	Val	Val	Arg	Gly	Ala	Ala	Leu	Met	Ala	Pro
150		145		-			150				_	155					160
151			Pro	Val	Phe	Ile	Lvs	Gln	Leu	Pro	Phe	Cys	Arq	Ser	Asn	Ile	Leu
152						165	-2 -				170	-	_			175	
153		Ser	Hic	Ser	Tur	Cys	T.e.u	His	Gln	Asp		Met	Lvs	Leu	Ala		Asp
154		001	*****	001	180	0,0	Lou			185			-1 -		190	-4-	
155		A cn	Tlo	7 20		Asn	V = 1	Val	Туг		T.e.11	Tle	Val	Tle		Ser	Δla
		ASP	116	195	Val.	POII	Val	Val	200	GLY	пса	110	vul	205	110	001	
156		~1 -	61		3	C	Ŧ a	T		C	Dho	C0.77	Mr.x.		Ton	т1 о	Teu
157		ire		ьeu	Asp	Ser	ьеu		116	Set	PILE	261		пеа	пеа	116	Бец
158		_	210		_	-1	•	215	•	01	. 1 .	61	220	T	31 -	Dh.	c1
159		_	Thr	val	Leu	Gly		Thr	Arg	GIU	Ala		Ата	ьуѕ	Ala	Pne	
160		225					230					235	_,	_	•	_:	240
161		Thr	Cys	Val	Ser	His	Val	Cys	Ala	Val		IIe	Phe	Tyr	Val		Pne
162	,					245					250					255	
163		Ile	Gly	Leu	Ser	Met	Val	His	Arg		Ser	Lys	Arg	Arg		Ser	Pro
164					260					265					270		
165		Leu	Pro	Val	Ile	Leu	Ala	Asn	Ile	${ t Tyr}$	Leu	Leu	Val	Pro	Pro	Val	Leu
166				275					280					285			
167		Asn	Pro	Ile	Val	Tyr	Gly	Val	Lys	Thr	Lys	Glu	Ile	Arg	Gln	Arg	Ile
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178		1	501	DCI	Cys	5	1 110				10					15	
			C1.,	T 011	Clu	Glu	λla	uic	Dhe	Пъъ		Clv	Dhe	Pro	T.e.u		Ser
179		PIO	GIY	ьeu		GIU	нта	птэ	FILE		FILE	GLY	FIIC	110	30	LCu	oci
180			m		20		T	Dh -	G1	25	G	Tlo	37-3	17 n 1		т1 о	37-3
181		met	Tyr		vaı	Ala	ьeu	Pne		ASI	Cys	шe	Val		Pile	116	val
182				35		_	_	•	40	_			_	45	_	~	36-4
183		Arg		GLu	Arg	Ser	Leu		Ala	Pro	Met	Tyr		Pne	Leu	Cys	мет
184			50					55					60		_	_	
185		Leu	Ala	Ala	Ile	Asp	Leu	Ala	Leu	Ser	Thr		Thr	Met	Pro	Lys	
186		65		•			70					75					80
187		Leu	Ala	Leu	Phe	Trp	Phe	Asp	Ser	Arg	Glu	Ile	Thr	Phe	Asp	Ala	Cys
188						85					90					95	
189		Leu	Ala	Gln	Met	Phe	Phe	Ile	His	Ala	Leu	Ser	Ala	Ile	Glu	Ser	Thr
190					100					105					110		
191		Ile	Leu	Leu	Ala	Met	Ala	Phe	Asp	Arg	Tyr	Val	Ala	Ile	Cys	His	Pro
192				115					120					125			
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196		145	T1 -	T	3	T	150	D1	a	***	.	155	**- 7				160
197		ьeu	ire	гля	Arg		Ala	Pne	Cys	His		Asn	vaı	ьeu	Ser		Ser
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199		Tyr	Cys	vaı		GIn	Asp	vaı	Met	Lys	Leu	Ата	Tyr	Thr	_	Thr	Leu
200		n	:		180	-			_,	185		_	_		190		-
201		Pro	Asn		vaı	Tyr	GTA	Leu		Ala	тте	Leu	ьeu		Met	GLY	Val
202		•	,	195			_	_	200	_		_		205	_		
203		Asp		met	Pne	TTE	ser		Ser	Tyr	Pne	Leu		тте	Arg	Ala	vaı
204		T	210	.	D	a	.	215	a 1				220	·		1	_
205			GIN	ьeu	Pro	ser		Ser	GIU	Arg	Ala		Ala	Pne	GTĀ	Thr	
206		225	C	***	- 1 -	~ 3	230	**- 1	.		5 1	235	**. 4	_	_	_,	240
207		vaı	ser	HIS	шe		vai	vaı	ьeu	Ala		Tyr	vaı	Pro	Leu		GIĀ
208		T	G	**- 1	**- 1	245	3	D 1	01		250			_		255	
209		ьeu	ser	val		HIS	Arg	Pne	GLY	Asn	Ser	ьeu	Asp	Pro		vaı	His
210		17- 1	T	14- L	260		**- 1	m	-	265		 	_		270	_	_
211		vaı	ьeu		GIĀ	Asp	val	Tyr		Leu	Leu	Pro	Pro		IIe	Asn	Pro
212		T1 -	T3 -	275	0 1		T	m1	280	a 1	-1		m¹	285		_	
213		тте		Tyr	GIY	Ата	гля		ьys	Gln	шe	Arg		Arg	vaı	Leu	Ala
214		Ma.L	290	T	-1 -	a	~	295	-	_		a 1.	300	~1	-1	_	
215			Рпе	гаг	тте	Ser		Asp	гуѕ	Asp	ше		Ата	GTA	GIA	Asn	
216	2010	305	TD 1	10			310					315					320
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220 221	<212> <213>	TYPE ORGA	E: PI ANISI	RT M: Ho	omo s	Sapie	ens										
220 221 222	<212>	TYPE ORGA SEQU	E: PI ANISI JENCI	RT M: Ho E: 4				Пhr	Wic	λla	Πb~	Cvc	Wa l	Lou	Tlo	Clv	Tlo
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220 221 222 223 224 225 226 227 228 229 230 231	<212> <213>	TYPHOREA SEQUENCE 1 Pro Met Arg	E: PI ANISM JENCE Ser Gly Tyr Thr 50	RT M: Ho E: 4 Ser Leu Val 35 Glu	Cys Glu 20 Val Arg	Asn 5 Lys Ala Ser	Phe Ala Met Leu Leu	His Cys His 55	Phe Gly 40 Ala	Trp 25 Asn	10 Val Cys Met	Gly Ile Tyr Ser	Phe Val Leu 60	Pro Val 45 Phe	Leu 30 Phe Leu	15 Leu Ile Cys	Ser Val Met Ile
220 221 222 223 224 225 226 227 228 229 230 231 232	<212> <213>	TYPHORGASEQUENT 1 Pro Met Arg	E: PHANISM JENCH Ser Gly Tyr Thr 50 Ala	RT M: Ho E: 4 Ser Leu Val 35 Glu	Cys Glu 20 Val Arg Ile	Asn 5 Lys Ala Ser Asp	Phe Ala Met Leu Leu 70	His Cys His 55 Ala	Phe Gly 40 Ala Leu	Trp 25 Asn Pro Ser	10 Val Cys Met	Gly Ile Tyr Ser 75	Phe Val Leu 60 Thr	Pro Val 45 Phe Met	Leu 30 Phe Leu Pro	15 Leu Ile Cys Lys	Ser Val Met Ile 80
220 221 222 223 224 225 226 227 228 229 230 231 232 233	<212> <213>	TYPHORGASEQUENT 1 Pro Met Arg	E: PHANISM JENCH Ser Gly Tyr Thr 50 Ala	RT M: Ho E: 4 Ser Leu Val 35 Glu	Cys Glu 20 Val Arg Ile	Asn 5 Lys Ala Ser Asp	Phe Ala Met Leu Leu 70	His Cys His 55 Ala	Phe Gly 40 Ala Leu	Trp 25 Asn Pro	10 Val Cys Met Thr	Gly Ile Tyr Ser 75	Phe Val Leu 60 Thr	Pro Val 45 Phe Met	Leu 30 Phe Leu Pro	15 Leu Ile Cys Lys	Ser Val Met Ile 80
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220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241	<212> <213>	TYPEORGA SEQUENT 1 Pro Met Arg Leu 65 Leu Leu Ile Leu Ile	E: PI ANISM JENCE Ser Gly Tyr Thr 50 Ala Ala Thr Leu Arg 130	RT M: Ho E: 4 Ser Leu Val 35 Glu Ala Leu Gln Leu 115 His	Cys Glu 20 Val Arg Ile Phe Met 100 Ala Ala	Asn 5 Lys Ala Ser Asp Trp 85 Phe Met	Phe Ala Met Leu 70 Phe Phe Ala Val	His Cys His 55 Ala Asp Ile Phe Leu 135	Phe Gly 40 Ala Leu Ser His Asp 120 Asn	Trp 25 Asn Pro Ser Arg Ala 105 Arg	10 Val Cys Met Thr Glu 90 Leu Tyr	Gly Ile Tyr Ser 75 Ile Ser Val Val Phe	Phe Val Leu 60 Thr Ser Ala Ala Thr 140	Pro Val 45 Phe Met Ile Ile 125 Ala	Leu 30 Phe Leu Pro Glu Glu 110 Cys Gln	15 Leu Ile Cys Lys Ala 95 Ser His	Ser Val Met Ile 80 Cys Thr Pro Gly Leu
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Output Set: N:\CRF3\06202002\J017066A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:41; N Pos. 6,12,15 Seq#:42; N Pos. 3,6,12,15 Seq#:43; N Pos. 12,15 Seq#:44; N Pos. 3,12,15 Seq#:45; N Pos. 3,9,18 Seq#:46; N Pos. 3,9 Seq#:47; N Pos. 6,9,21 Seq#:48; N Pos. 1,13,16 Seq#:49; N Pos. 1,7,10,16 Seq#:50; N Pos. 10,16,19